

Serial Number: 10/07, 747

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included:

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted: non-ASCII "garbage" at the beginning end of files; secretary initials/filename at end of file;
 page numbers throughout text; other invalid text, such as _____

Inserted mandatory headings, specifically:

Corrected an obvious error in the response, specifically:

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:

Other:

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

ENTERED
see page 5



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/076,747

DATE: 03/13/2002

TIME: 09:07:53

Input Set : A:\PTO_MS.txt

Output Set: N:\CRF3\03132002\J076747.raw

3 <110> APPLICANT: Salceda, Susana
 4 Macina, Roberto
 5 Hu, Ping
 6 Recipon, Herve
 7 Karra, Kalpana
 8 Cafferkey, Robert
 9 Sun, Yongming
 10 Liu, Chenghua
 12 <120> TITLE OF INVENTION: Compositions and Methods Relating to Ovarian Specific Genes and Proteins
 14 <130> FILE REFERENCE: DEX-0315
 C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/076,747
 C--> 16 <141> CURRENT FILING DATE: 2002-02-13
 16 <150> PRIOR APPLICATION NUMBER: 60/268,290
 17 <151> PRIOR FILING DATE: 2001-02-13
 19 <150> PRIOR APPLICATION NUMBER: 60/268,834
 20 <151> PRIOR FILING DATE: 2001-02-15
 22 <160> NUMBER OF SEQ ID NOS: 129
 24 <170> SOFTWARE: PatentIn version 3.1
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 27 <211> LENGTH: 829
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 29 <213> ORGANISM: Homo sapien
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 36 tgggtgccaa cccttcccccc aaaggagggtt atctcagggtg ggtggagcca agtttcacg 180
 38 qgggtggaaag qagaccgtgg acacacacaa gagaagaacc tccaaagccc tcctccatta 240
 40 tggggcagag aattcaacgc tgggcttacc tcagtggctc aatagcgtgt ctccgtgg 300
 42 ctgacaatttgc tggtaactcc gccttcacaaat tctccacca aacaaaaata tggacacaaa 360
 44 acacgcagcc agggggcagc cccgaccgcacg cccgcacggc tgggcgc 420
 46 gaccccgacc agcgcacgcg ccccgacacaag caccgggca acaccccccac agcagcggacc 480
 48 qcgccggccat cacaacgggc cccacccgc 540
 50 aqaggaagag aacgagacag agaacacgaa gaaccacagg qcaaaacgtac gagcaaacaa 600
 52 aaaaaagaaaa aaaaaaaacc aagaggggacg caggagacga cggacgcgc 660
 54 aqagacaagc aaagagaaaat aaggggaaaag caaaaagagg aaggtccaaag caggagagaa 720
 56 aaaagaagca acgagccaca aaacaggagc ataaaagaaaa ggacagaaaaa qcaccaagag 780
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/076,747

DATE: 03/13/2002
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Input Set : A:\PTO_MS.txt
 Output Set: N:\CRF3\03132002\J076747.raw

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73	qqagacccga	ctcgcatggc	gtcccgatga	tgcgcaggct	caagaagaac	ttgtgcctg	240
75	atgtcgqaa	atgttagtc	gtactgatct	gaacgtttat	ctaacgtaca	cttttgtatt	300
77	ttttttttta	atttgaagga	acactgatga	agccctgtcc	ataccctcc	cgagcttaat	360
79	aaaacggtat	aatcaaaaaa	aaaaaaaaaa	aaacaaaaaa	aggctgggg	gttacctctg	420
81	tggccaaag	gcgtggtccc	gtggggtag	aatgggta	ccgggcctca	aaattctccc	480
83	caacaactt	agagaggcaa	caaccccgca	aacaacaca	gagagcaagc	agccagagac	540
85	aggccaaacaa	cacaaaagca	cacagacaga	aggaggcgcc	agcagagggg	acacaagcga	600
87	ccggcagagag	aggccagaca	caggcgcacc	agaagagaag	agagagaacg	accgggcggg	660
89	aagagcagaa	ggagaagcga	cagcagcgaq	aagagcaagg	gacaagaggg	gacagagaga	720
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104	ttcagtttt	ctg					133
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108	<211>	LENGTH:	280				
109	<212>	TYPE:	DNA				
110	<213>	ORGANISM:	Homo sapien				
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115	cttccttatg	acaaatatct	catcagaaat	ctactgccta	tctgatatct	gactccatgc	120
117	gtgtatacgc	gtgtagctca	gtctattccc	agcatagagg	gtcatttgat	gtacacgtct	180
119	atttgtatta	ccatggctac	gttgggtgtca	ctaccttgac	gatgatattt	agcagtgtac	240
121	tttttgggta	tggttttggg	gttattttgt	tgttgtaaa			280
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RAW SEQUENCE LISTING
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Input Set : A:\PTO_MS.txt
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 173 <222> LOCATION: (997)..(998)
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 182 caqqtgcagt ccctcacctg tgaaggtgga tgcccttcaa atggaaccaa tgagtccctg 180
 184 gqaacgccta gactgcgtga aactqcgaaag cagagacgtt ggcgcctcg cacacqctqc 240
 186 ctacatcgta ccatgcacac atatctgcgc ccgcctggcg agcgatggag acttccacga 300
 W--> 188 actcattgaa ggcacgtgaa gactgtgctc tccgtcatcc tgttcgntgg aaatagccaa 360
 W--> 190 cgcaacctga cctcgaaatct gnttagagta atggtgcccg tagcagcatc ttggagtaact 420
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 196 gqagggggat agagcgtaaa ctgcgttggac tctcatcgac ccccatctag gcttagaagt 600
 198 acctcattcg tgcgaagagac atgggacgcac cgtgtgcgtt gatattaccc gggccggctc 660
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 W--> 202 tattcctctaa gnttagtaca accgcattcg gatcccttttgc cacataaaac acattggcaa 780
 204 caacacccctc agtggcaagc caagtggata ttaacccagg cgagagcaaa taacagagaa 840
 206 qcacacatcc cgataaaatct taagagcaaa accagtccct ttccaagttt ggcctttctg 900
 208 qccaqgggtt tccctccagg gaagcggcaaa ggacttagat tctcgggaca ctacgcgaca 960
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 212 gaacacacac aggtttacca aacataaaatc taggtttacc agaaaaaaat ctttgtgcct 1080
 214 aqaaataact ttttacacag ggtattttg aataccatct aaaactggct tttttttcc 1140
 216 ccaqcaagta tcccaccaac tgggtgcctg gcttcaataa atcttgggaa aaactccgaa 1200
 218 aaaaacaaaa accaaaacaa aaggcggggg aacaggggca caccggc 1247
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 227 <221> NAME/KEY: misc_feature
 228 <222> LOCATION: (306)..(306)
 229 <223> OTHER INFORMATION: a, c, g or t
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 233 gcccqatgaa gatcaccaca tgggcgtatgg tgccttagat gcatgccgag cggcgcagtg 60

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/076,747

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Input Set : A:\PTO_MS.txt

Output Set: N:\CRF3\03132002\J076747.raw

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237	tgctgcagt	ataatgttagt	taaccatatt	agggtggcgag	atattcaata	aatagttac	180
239	atctgtcgaa	aaaaaaaaaa	aaaaaaaaaa	aaaaggcgcg	gggggggtccc	ccggggccca	240
241	aggcgggggc	ccggggggaa	attggttccc	gccccccaa	attccccc	aaaataagaa	300
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260	cgaaatgtacgc	ggtcagcagc	tatctgagcc	tgacggcctg	atgcagtgt	agagtccac	120
262	agaagctaca	gcctgcacag	agtcttagt	gcatgaaggg	agacaccgt	gatgaagaca	180
264	gtggatcccct	acagaaaatgt	tctataggtt	ctctaaacacg	ctcagcccc	actaccaatg	240
266	gcgagactag	cacgctgcag	ggatccaaag	ggagagggt	ctctccatcc	acaccacaca	300
268	aggggcgatc	aaagccctta	tcatcgccca	tgtcgacgtc	atgtaaaagc	gcctacaaat	360
270	aagatattct	gcacttgggt	gaaatgtct	acatacataa	caaagacaca	tactcaacta	420
272	cacggatgc	atcgatcacc	ggtccgtgcg	ggcgaatgcc	acttcgctc	cgtcggtcca	480
W--> 274	atgatgactc	atagttacac	accggtgtgc	ggcgacanc	tatgagtgg	tattcgcccc	540
276	gatgtacaga	ccatggattt	ccccccgtgg	ctgatcgaat	atgcgtacg	cgccatcaaa	600
278	tatcgccccgg	agctacagac	ctaaaaaaat	tgaccgcga	gcggccgaag	aacaggctt	660
280	cgacggaaatg	ccaaacacag	agggccgcag	accggcaggc	gaccccgggc	ggaggagccc	720
282	cactcgccca	gggcgaggcg	aaggacagat	acgaggacgc	gagccacacg	cgcgccccgt	780
284	catgagacgg	agacggccga	gggagcgcag	acccgaagca	gcgcgccaag	agcgaccgcg	840
286	caagccacac	gcgccttaggc	cctgcgcac	ggccggccac	gcgcgagagg	cgggcgagg	900
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307	cactggaaacc	agcagtcacg	ttgggtggta	taactatgtc	tcctggtacc	aacacgcaccc	180
309	aggcaaaagcc	cccaaactca	tcatttatga	ggtcgtat	cgccctctag	gggtttctaa	240
311	tgccttctct	ggcttcaagt	ctggcaacac	ggccctccctg	accatctctg	ggctccaggg	300
313	tggggacgag	gtgttattt	actgtgtctc	atatacaaga	agtacttctc	atgtttcg	360
315	aactggggacc	aaaggtcaccg	tccttaggtca	gcccaaggcc	aaccccactg	tcactctgtt	420
317	cccgccctcc	tctgaggagc	tccaaagccaa	caagccaca	ctagtgtgtc	tgatcaagt	480
319	tttcttacccg	ggagctgtga	cagtggctg	gaaggcagat	ggcagcccc	tcaaggcg	540
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/076,747

DATE: 03/13/2002

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Input Set : A:\PTO_MS.txt

Output Set: N:\CRF3\03132002\J076747.raw

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327	acgctcagcc	cccactacca	atggcgagac	tagcacgctg	cagggatccc	aaggagagg	780
329	ggtctctcca	tccacaccac	acaagggcga	gtcaagccc	ttatcatcgc	gcatgtcgac	840
331	gtcatgtaaa	agcgcttaca	aataagat	tctgcactt	gttgaatgt	cctacataca	900
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W--> 337	anctatgagt	ggatattcgc	ccgggatcac	agaccatgga	tttccccccg	tggctgatcg	1080
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341	gcagcggccg	aagaacagc	tttcgacgga	atgcca	cagagggccg	cagaccggca	1200
343	ggcgaccccg	ggcgaggag	ccccactgcg	gcagggcgag	gcgaaggaca	gatacgagga	1260
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370	a	t	t	tctata	tatccatgt	ggtattt	180
372	c	a	t	catatggata	tagaaacat	tctatata	240
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376	caatctgacc	ctcattacgt	tgaacgtca	gcttatataa	taaagata	actcggtcc	360
378	gtgtcg	cgac	aaaagactca	cgccgtggt	aatcccagca	cttgggag	420
380	tggatcaca	ttgtccggag	tcaaagacca	gcctggccaa	tatggtaaa	ccccgtctct	480
382	cctaaaata	caaaaattag	ctgggcata	ttgtgtatgc	ctgtatccc	agctacttgg	540
384	qaggctgagg	cagaagaatc	gttgaacct	aggaggcaga	gttgcagt	agccgagatc	600
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399	<221>	NAME/KEY:	misc_feature				
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407	c	c	t	c	c	t	120
409	t	t	c	t	t	c	180

Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa

VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/076,747**

DATE: 03/13/2002
TIME: 09:07:54

Input Set : **A:\PTO_MS.txt**
Output Set: **N:\CRF3\03132002\J076747.raw**

L:16 M:270 C: Current Application Number differs, Replaced Current Application No
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:190 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:202 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:210 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:337 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:374 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:425 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:522 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:524 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:698 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:700 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:1242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1945 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:2126 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
L:3009 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74